

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Sutter Maintenance Yard Hamilton Bend**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2013 Levee Inspection Results**

**Sutter Maintenance Yard Hamilton Bend**

Waterway			Bank	Unit Miles
Unit No. 01 Feather River Hamilton Bend			Right	3.22
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/23/2013 - 04/23/2013			
DWR Inspector	Rick Burnett			
Accompanied By	Jason Cooper Sutter Maintenance Yard			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Sutter Maintenance Yard Hamilton Bend**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Feather River Hamilton Bend							Right	3.22	04/23/2013 04/23/2013	Rick Burnett	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1				Operations & Maintenance Manuals	CR	A Ma		° °	° °	7	
								DWR ID: DWR_ST0005_01_s_2013_7			
2				Emergency Supplies & Equipment	CR	A Ma		° °	° °	8	
								DWR ID: DWR_ST0005_01_s_2013_8			
3				Flood Preparedness & Training	CR	A Ma		° °	° °	9	
								DWR ID: DWR_ST0005_01_s_2013_9			
4	0.00	0.00		Vegetation	CR	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Cobble Levee	° °	° °	1 Y	
								DWR ID: DWR_ST0005_01_s_2013_1			
5	0.36	0.36		Crown Surface / Depressions / Rutting	CR	M Ma	C2 : Repair depressions or ruts in the crown or slope.	39.444939 ° -121.641780 °	39.444939 ° -121.641780 °	2 Y	
								DWR ID: DWR_ST0005_01_s_2013_2			
6	1.41	3.18		Trim / Thin Trees	LS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	39.458060 ° -121.636332 °	39.470433 ° -121.609200 °	4 Y	
								DWR ID: DWR_ST0005_01_s_2013_4			
7	1.41	3.18		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.458061 ° -121.636331 °	39.470435 ° -121.609199 °	3 Y	
								DWR ID: DWR_ST0005_01_s_2013_3			
8	1.44	1.62		Trim / Thin Trees	WS	M Ma	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.	39.458255 ° -121.635808 °	39.459451 ° -121.633670 °	5 Y	
								DWR ID: DWR_ST0005_01_s_2013_5			
9	2.04	2.12		Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.	39.462914 ° -121.627650 °	39.463526 ° -121.626435 °	6 Y	
								DWR ID: DWR_ST0005_01_s_2013_6			

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2013**

**Sutter Maintenance Yard Hamilton Bend**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River Hamilton Bend	Right	3.22	04/23/2013 04/23/2013	Rick Burnett

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	
Item	Vegetation

Hamilton Bend - Cobble Levee

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Levee Mile Report Line	5
Start Levee Mile	0.36
End Levee Mile	0.36
Location	Crown
Category	
Item	Crown Surface / Depressions / Rutting

Deep rut in crown. Repair prior to flood season.

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Levee Mile Report Line	6
Start Levee Mile	1.41
End Levee Mile	3.18
Location	Land Side
Category	
Item	Trim / Thin Trees

L/S trees.

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Unit No. 01 Feather River Hamilton Bend	Right	3.22	04/23/2013 04/23/2013	Rick Burnett

Levee Mile Report Line	7
Start Levee Mile	1.41
End Levee Mile	3.18
Location	Water Side
Category	
Item	Vegetation

Typical W/S vegetation.

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Levee Mile Report Line	8
Start Levee Mile	1.44
End Levee Mile	1.62
Location	Water Side
Category	
Item	Trim / Thin Trees

W/S trees.

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Levee Mile Report Line	9
Start Levee Mile	2.04
End Levee Mile	2.12
Location	Crown
Category	
Item	Crown Surface / Depressions / Rutting

Crown roadway damage.

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